

ReEarth™



PRIVI LIFE SCIENCES

MICRO INPUT | MACRO IMPACT

COMPANY INTRODUCTION

PRIVI Life Sciences (PLS), under umbrella of PRIVI Group, envisages a vision of **"Micro Input, Macro Impact"** for its existence in the agribusiness. PLS has emerged as a **Specialty Nutrient** company with an aspiration to provide **Green Chemistry** solutions from **Seed to harvest** for Betterment of farming fraternity.

PRIVI's mission of **ReEarth** is aimed for reclaiming the future through sustainable agriculture. We are committed to shift focus from "enough food" to "good food" using our products .

PLS has a state of art facility for research and quality control with a team of technically skilled professionals having capabilities of integrating chemistries and technologies to deliver novel products. PLS expertise in formulation has facilitated the organization to expand its product range catering needs of agriculture, animal and human wellness.

PLS is ensuring its sustenance by patenting its technologies aiming for ***"Innovision for a Better Life"***.

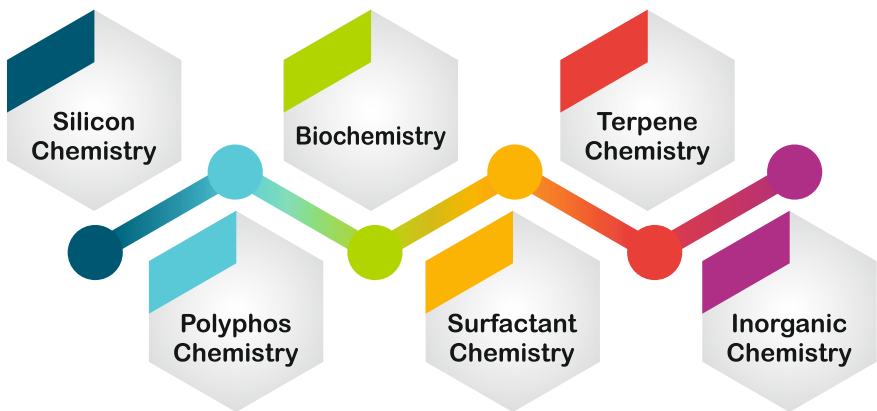
BUSINESS INTERESTS



PRODUCT CATEGORIES



PRODUCT CHEMISTRIES



SOIL HEALTH

SOIL CONDITIONER

GEOXOL.COM is a proprietary blend of decomposed peat extract, low molecular weight organic acids, polysaccharides and animal biomass

It is a viable alternative to Farm Yard Manure (FYM)

GEOXOL.COM



GR Formulation

Application details:

- Mode of application: Soil application
- Dose of application: 15-20 Kg per acre

Benefits of application:

- Improves soil porosity
- Improves soil water holding capacity
- Improves soil organic carbon content

Classified in 'FCO' as "Organic Manure"

Pack Size: 5kg, 10kg and 20kg

Physical specifications

Parameter	Specification
Formulation type	Granules
Colour	Greyish-Black
Bulk density (g/cm ³)	<1.0

Chemical specifications

Parameter	Specifications (min %)
Total carbon matter	30.0
Total Nitrogen (as N)	1.5
Total Phosphate (as P ₂ O ₅)	1.5
Total Potassium (as K ₂ O)	0.5
C:N Ratio	20:1



SOIL HEALTH

PHOSPHATE RICH ORGANIC MANURE

PROMOSA is the proprietary blend of phosphate rich organic manure fortified with bioactive silicon. It is target to improve phosphorus nutrition to plants

PROMOSA



GR Formulation

Application details:

- Mode of application: Soil application
- Dose of application: 40 Kg per acre

Benefits of application:

- Improves phosphorus availability to crops
- Improves soil organic carbon content
- Improves soil physical properties

Classified in "FCO" as "Phosphate Rich Organic Manure"

Pack Size: 40kg

Physical specifications

Parameter	Specifications
Formulation type	Granular
Bulk density (g/cm ³)	< 1.6
pH (1:5 solution; max)	6.5-8.0
Conductivity (dSm ⁻¹)	< 10.0
Moisture (% by weight; max.)	25

Chemical specifications

Parameter	Specifications (min %)
Total Organic Carbon	8.0
Total Nitrogen (as N)	0.4
Total Phosphorus (P ₂ O ₅)	8.0
C:N ratio	< 20:1



SOIL HEALTH

BIO FERTILIZER

Mycoxol 4G is a proprietary blend of consortium of vesicular arbuscular mycorrhiza (VAM; *Rhizophagus* sp.) fortified with natural ingredients targeted to improve root growth and development.

Mycoxol 4G



WP Formulation

Application details:

- Mode of application: Soil application (soil drenching / fertigation / seed coating)
- Dose of application: 100-200 grams per acre

Benefits of application:

- Triggers crop growth by increasing availability of water and nutrients
- Improves bioavailability of nutrients (Phosphorus, Potassium and micronutrients) fixed in soil
- Facilitates better establishment of crops

Classified in "FCO" as "Mycorrhizal Biofertilizers"

Pack Size: 100g, 200g

Physical specifications

Parameter	Specification
Formulation type	Wettable powder
pH	5.0-7.0

FCO Specifications

Formulation type	Specification
Total viable spores/g	10.0 (min.)
Inoculum potential	1200 IP per gram



SOIL HEALTH

BIO FERTILIZER

Mycoxol granules is a proprietary blend of consortium of vesicular arbuscular mycorrhiza (VAM; *Rhizophagus* sp.) fortified with natural ingredients targeted to improve root growth and development.

Mycoxol Granules



GR Formulation

Application details:

- Mode of application: Soil application (broadcasting)
- Dose of application: 4.0 Kg per acre

Benefits of application:

- Triggers crop growth by increasing availability of water and nutrients
- Improves bioavailability of nutrients (Phosphorus, Potassium and micronutrients) fixed in soil
- Facilitates better establishment of crops

Classified in "FCO" as "Mycorrhizal Biofertilizer"

Pack Size: 4kg & 20kg

Physical specifications

Parameter	Specification
Formulation type	Granules
pH	5.0-7.0

FCO Specification

Formulation type	Specification
Total viable spores/g	10.0 (min.)
Inoculum potential	1200 IP per gram



SOIL HEALTH

SOIL CONDITIONER

Geoxol WSL is a proprietary blend of decomposed peat extract, low molecular weight organic acids, polysaccharides and animal biomass

Geoxol WSL



WSL Formulation

Physical specifications

Parameter	Specification
Formulation type	Water soluble liquid
pH (1% solution)	1.5-3.5
Density (g/ml)	1.0-1.5

Chemical specifications

Parameter	Specification
Total protein (% , min)	6.0
Total Organic Matter (% , min)	20.0

Application details:

- Mode of application: Soil application (soil drenching / fertigation)
- Dose of application: 1000-2000 ml per acre, depending upon crop

Benefits of application:

- Improves soil porosity
- Improves soil water holding capacity
- Improves soil organic carbon content

Classified in "FCO" as "Bio stimulant"

Pack Size: 1ltr, 5ltr, 10ltr



BIOSTIMULANTS

GROWTH STIMULANT

PRIVID granules is a proprietary formulation having highly concentrated seaweed extract (*Ascophyllum nodosum*) along other natural ingredients.

PRIVID



GR Formulation

Composition

Ingredients	Specifications (min %)
Enzymatically extracted seaweed (<i>Ascophyllum nodosum</i>)	8.0
Rock phosphate	30.0
Proprietary mixture of oligo peptides, peptides and free amino acids	0.6
Enzymatically hydrolyzed vinasse	4.0
Inert fillers	Q.S.

Application details:

- Mode of application: Soil application (broadcasting)
- Dose of application: 5.0-10.0 kg per acre

Benefits of application:

- Optimizes growth of plants
- Stimulates multiplication of beneficial soil microbes
- Improves nutrient availability to plants

Classified in "FCO" as "Biostimulant"

Pack Size: 5kg, 10kg

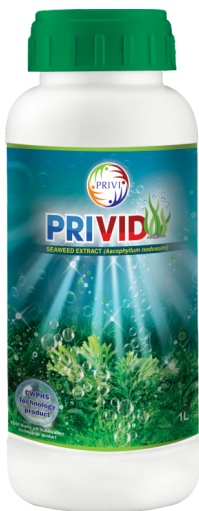


BIOSTIMULANTS

GROWTH STIMULANT

PRIVID is a pH balanced proprietary blend of *Ascophyllum nodosum* and *Saragssum* sp. it is a source of secondary metabolites, essential nutrients and other bioactive molecules.

PRIVID LIQUID



WSL Formulation

Physical specifications

Parameter	Specification
Formulation type	Water soluble liquid
Appearance	Amber colour
pH (1% solution)	6.5-9.0
Specific gravity (g/ml)	1.0-1.5

Chemical specifications

Parameter	Specification
Total protein (% , min)	6.0
Total Alginic acid (% , min.)	0.5

Application details:

- Mode of application: Foliar sprays/Soil drenching/Fertigation
- Dose of application: 500 -1000 ml per acre, depending upon mode of application

Benefits of application:

- Optimizes growth of plants
- Stimulates multiplication of beneficial soil microbes
- Improves nutrient availability to plants

Classified in "FCO" as "Biostimulant"

Pack Size: 500ml, 1ltr, 5ltr

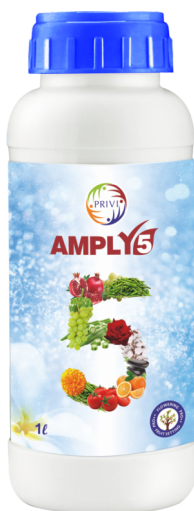


BIOSTIMULANTS

FLOWERING STIMULANT

AMPLY 5 is an unique blend of amino acids fortified natural antioxidants and plant stimulators to improve flowering and fruit setting.

AMPLY 5



WSL Formulation

Physical specifications

Parameter	Specification
Appearance	Amber colour
pH (1% in water)	6.5-7.5
Specific gravity (g/ml)	1.0-1.5

Chemical specifications

Parameter	Specification
Total protein (% , min)	9.00
L-Tryptophan (% , min)	0.1
L-Glycine (% , min.)	0.2
L-Asparagine (% , min)	0.1

Application details:

- Mode of application: Foliar sprays
- Dose of application: 400-500 ml per acre

Benefits of application:

- Activates plant metabolic processes involved in transition from vegetative to reproductive phase
- Increases flower to fruit conversion
- Improves fruit retention

Classified in "FCO" as "Biostimulant"

Pack Size: 250ml, 500ml, 1ltr



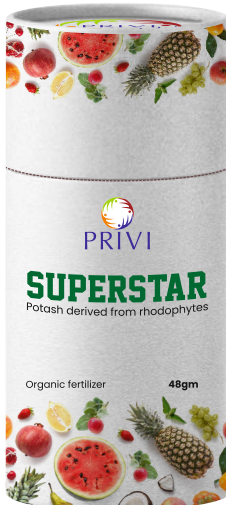
BIOSTIMULANTS

POTASH DERIVED FROM RHODOPHYTES

SUPERSTAR is the **fully water soluble powder** formulation, providing bio available potassium from Rhodophytes.

It is a good source of natural bioactive molecules

SUPERSTAR



WP Formulation

Application details:

- Mode of application: Foliar sprays/fertigation
- Dose of application: 48 grams per acre

Benefits of application:

- Activates plant metabolic processes
- Optimizes crop virility
- Improves quality of produce

Classified in "FCO" as "Potash derived from Rhodohytes"

Pack Size: 48g

Physical specifications

Parameter	Specification
Colour	Beige
pH	5.0-6.0
Moisture (% , max.)	5.0

Chemical specifications

Parameter	Specification
Soluble Potash (as K_2O)	20.0
Total Sulphur (S)	1.5

ESSENTIAL NUTRIENT

BENEFICAL ELEMENT

SILIXOL is the proprietary formulation of stabilized Ortho Silicic Acid (OSA), stabilized using a patented process. **Suitable for horticultural crops.**

SILIXOL



WSL Formulation

Physical specifications

Parameter	Specification
Appearance	Viscous
pH (1% in water)	1.7-2.2
Specific gravity (g/ml)	1.08-1.15

Chemical specifications

Parameter	Specification %
Stabilized Ortho silicic acid	2.0 (2.7)
Silicon content	0.6 (0.8)
Matter insoluble (min)	0.5
Sodium (as Na, max)	0.1
Chloride (as Cl, max)	4.0

Application details:

- Mode of application: Foliar sprays
- Dose of application: 300-500 ml per acre

Benefits of application:

- Improves uptake and assimilation of plant nutrients
- Provides rigidity to crop
- Strengthens crops against abiotic and biotic stresses

Classified in "FCO" as "Beneficial Element Fertilizer"

Pack Size: 100ml, 250ml, 500ml, 1000ml, 5000ml



ESSENTIAL NUTRIENT

BENEFICAL ELEMENT

SILIXOL Apple is the proprietary formulation of stabilized Ortho Silicic Acid (OSA), stabilized using a **patented process**. **Specially formulated for Apples**.

SILIXOL Apple



WSL Formulation

Physical specifications

Parameter	Specification
Appearance	Viscous Amber
pH (1% in water)	1.7-2.2
Specific gravity (g/ml)	1.08-1.15

Chemical specifications

Parameter	Specification %
Stabilized Ortho silicic acid	2.0
Silicon content	0.6
Matter insoluble (min)	0.5
Sodium (as Na, max)	0.1
Chloride (as Cl, max)	4.0

Application details:

- Mode of application: Foliar sprays
- Dose of application: 1.0-2.0 ml per liter of water

Benefits of application:

- Improves uptake and assimilation of plant nutrients
- Provides rigidity to crop
- Strengthens crops against abiotic and biotic stresses

Classified in "FCO" as "Beneficial Element Fertilizer"

Pack Size: 250ml, 500ml, 1000ml



ESSENTIAL NUTRIENT

BENEFICAL ELEMENT

SILIXOL OSA is the proprietary formulation of stabilized Ortho Silicic Acid (OSA), stabilized using a **patented process**. **Suitable for short duration field crops.**

SILIXOL OSA



WSL Formulation

Physical specifications

Parameter	Specification
Appearance	Viscous Amber
pH (1% in water)	1.7-2.2
Specific gravity (g/ml)	1.08-1.15

Chemical specifications

Parameter	Specification %
Stabilized Ortho silicic acid	2.0
Silicon content	0.6
Matter insoluble (min)	0.5
Sodium (as Na, max)	0.1
Chloride (as Cl, max)	4.0

Application details:

- Mode of application: Foliar sprays
- Dose of application: 500 ml per acre

Benefits of application:

- Improves uptake and assimilation of plant nutrients
- Provides rigidity to crop
- Strengthens crops against abiotic and biotic stresses

Classified in "FCO" as "Beneficial Element Fertilizer"

Pack Size: 100ml, 250ml, 500ml, 1000ml, 5000ml



ESSENTIAL NUTRIENT

CALCIUM NUTRITION

CalSiB++ is the organically chelated water soluble formulation based on Encapsulation technology. A proprietary blend of calcium, boron, zinc and magnesium powered with encapsulated silicon. Calcium is from an organic source, free from nitrate and chloride. Suitable for foliar sprays even at pre flowering stage.

CalSiB++



WP Formulation

Physical specifications

Parameter	Specification
Appearance	Off white to light colour
pH (1% in water)	5.0-6.0
Specific gravity (g/ml)	0.6-0.8

Chemical specifications

Parameter	Specification %
Calcium (as CaO)	6.0
Magnesium (as MgO)	2.5
Boron (as B)	3.0
Iron (as Fe)	2.0
Copper (as Cu)	0.5
Zinc (as Zn)	5.0
Encapsulated silicon	1.7

Application details:

- Mode of application: Foliar sprays
- Dose of application: 250-300 g per acre

Benefits of application:

- Optimizes development of fruits
- Reduces incidences of blossom end rot as well as fruit deformation
- Improves marketable quality of fruits

Pack Size: 250g, 500g, 1000g

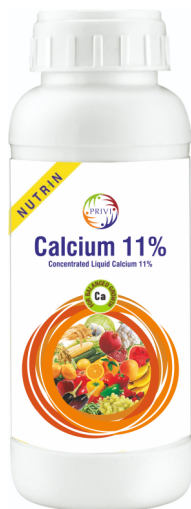


ESSENTIAL NUTRIENT

CALCIUM NUTRITION

Calcium 11% is a fully water-soluble formulation of Calcium suitable for foliar application. Fortification of bioactive proteins facilitates quicker absorption and assimilation of calcium in plants specially during fruit development. Presence of boron improves efficacy of Calcium metabolism within plants

Calcium 11%



WSL Formulation

Physical specifications

Parameter	Specification
Formulation type	Water soluble liquid
pH	9.5-10.5
Specific gravity (kg/l)	1.3-1.4

Chemical specifications

Parameter	Specification %
Calcium (as CaO)	11.0

Application details:

- Mode of application: Foliar sprays
- Dose of application: 350-500 ml per acre

Benefits of application:

- Fulfills calcium requirement of crop
- Optimizes fruit development
- Reduces calcium related disorders in fruits

Classified in "FCO" as "Concentrated Liquid Calcium 11%"

Pack Size: 250ml, 500ml, 1ltr

ESSENTIAL NUTRIENT

CHELATED MICRONUTRIENTS

Calcium EDTA 10%



WP Formulation

**Classified in "FCO" as
"Chelated Calcium as Ca-EDTA"**

Magnesium EDTA 6%



WP Formulation

**Classified in "FCO" as
"Chelated Magnesium as Mg-EDTA"**

Application details:

- Mode of application: Foliar application
- Dose of application: 250-300 grams per acre

Pack Size: 250g, 500g, 1kg

ESSENTIAL NUTRIENT

CHELATED MICRONUTRIENTS

Nutrin Combo



WP Formulation

Nutrin Combo



WSL Formulation

**Fortified with beneficial
nutrients : Co, Ni, Se**

States	Grades	Nutrient
MAHARASHTRA	II	Zn-3%, Cu-1%, Fe-2.5%, Mn- 1% , B-0.5%, Mo-0.10%
ANDHRA PRADESH	VI	Fe-2.0%,Mn 2.0%,Zn 5.0%, B-0.5%
CHHATTISGARH	III	Fe-4.0%,Mn-3.0%,Zn-5.0%,Mo-0.3% B- 2.0%, Cu- 1%
GUJARAT	I	Fe-2.0%,Mn-0.5%, Zn-4.0%,Cu-0.3%, B-0.5%
UTTAR PRADESH	II	Fe-1.5%, Zn-3.0%,Cu-0.5%, B-0.5%
KARNATAKA	III	Fe-0.5%,Mn-0.2%,Zn-3.0%, B-0.5%

Nutrin combo variants are available for above grades as per state government recommendations

Rate of application

- Foliar spray: 250-300 g/ml per acre per application
- Fertigation: 400-500 g/ml per acre per application

Classified in "FCO" as "Micronutrient Mixture"

Pack size : 250g,500,1kg, 5kg (Powder); 500ml, 1000ml, 5000ml (Liquid)

ESSENTIAL NUTRIENT

MICRONUTRIENTS



WP Formulation
Classified in FCO as
"Di-Sodium Octa Borate
Tetra Hydrate"



WP Formulation
Classified in FCO as
"Chelated Zinc as Zn-EDTA"



WP Formulation
Classified in FCO
as "Chelated Iron as Fe-EDTA"



Powder Formulation
Classified in FCO as
"Borax (Sodium Tetraborate)"



Powder Formulation
Soil application
@ 1.5-2.0 Kg per acre

Pack Size: 250g, 500g, 1kg

ESSENTIAL NUTRIENT

MICRONUTRIENT

Zinc 39.5% is the suspension concentrate of zinc. The formulation is having the highest concentrate of zinc in the water soluble. The small particle size of the formulation enables penetration of zinc into plant cells and the presence of water soluble polymers facilitates better spread for quicker absorption and penetration within plant cells.

Zinc Suspension



SC Formulation

Physical specifications

Parameter	Specification
Formulation type	Suspension concentrate
pH (5% solution)	9.0-10.0
Specific gravity (kg/l)	1.71-1.75

Chemical specifications

Parameter	Specification (%)
Zinc (as Zn)	39.5

Application details:

- Mode of application: Foliar sprays /soil fertigation/soil drenching/seed treatment
- Dose of application: 350-500 ml per acre

Benefits of application:

- Fulfills zinc requirement of crop
- Triggers vegetative growth of crop
- Regulates crop metabolic activities

Classified in "FCO" as "Zinc Oxide Suspension Concentrate"

Pack Size: 250g, 500g, 1ml

ESSENTIAL NUTRIENT

WATER SOLUBLE FERTILIZER (Powder NPK)



Mode of application:

Foliar sprays: 5-10 gram per liter of water

Drip irrigation: As per schedule

Classified in FCO as "WATER SOLUBLE FERTILIZER"

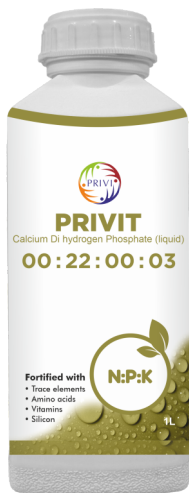
Pack Size: 1kg, 5kg, 25kg

ESSENTIAL NUTRIENT

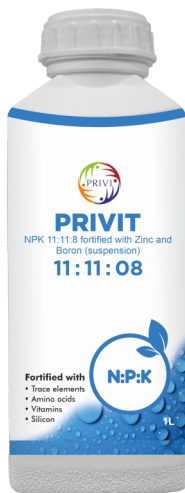
LIQUID FERTILIZERS



Classified in FCO as
**"Calcium nitrate
Fortified with
Magnesium"**



Classified in
FCO as **"Calcium
Di hydrogen
phosphate"**



Classified in FCO as
**"NPK 11:11:8 Fortified
with Zinc and
Boron (Suspension)"**



Classified in
FCO as **"Fortified
NP (7-21-0) Liquid"**

Application details:

- Foliar spray: 500-750 ml per acre per application
- Fertigation: As per schedule

Pack Size: 500ml, 1000 ml

ESSENTIAL NUTRIENT

LIQUID FERTILIZERS



Application details:

- Foliar spray: 500-750 ml per acre per application
- Fertigation: As per schedule

Pack Size: 500ml, 1000 ml

IMMUNITY BOOSTER

NUTRIENT BASED IMMUNITY BOOSTER

NUTRIFIGHT is a formulation aimed to provide nutrition to plants and as strengthens immunity against fungal pathogens.

NUTRIFIGHT



WP Formulation

Physical specifications

Parameter	Specification
Appearance	Hygroscopic powder
pH (5% in water)	5.5-6.5

Chemical specifications

Parameter	Specification %
Soluble Potassium (as K_2O)	40.0

Application details:

- Mode of application: Foliar sprays /Soil drenching/Fertigation
- Dose of application: 500-750 gram per acre, as per mode of application

Benefits of application:

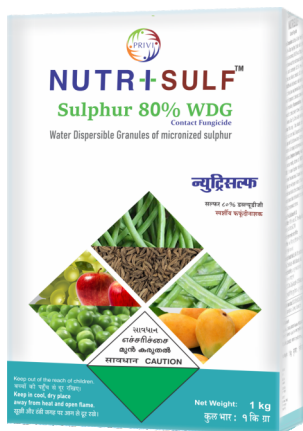
- Source of essential nutrient: potassium
- Triggers the systemic acquired resistance(SAR) in plants
- Strengthens crop immunity to reduce the incidence of fungal diseases

Pack Size: 120gm, 400g, 1kg,10kg

PESTICIDES

CONTACT FUNGICIDE

NUTRISULF



WDG Formulation

Pack Size: 500g, 1000g

INSECTICIDE

KEETOUT LIQUID



SC Formulation

Pack Size: 10ml, 30ml, 60ml, 150ml

KEETOUT GRANULE

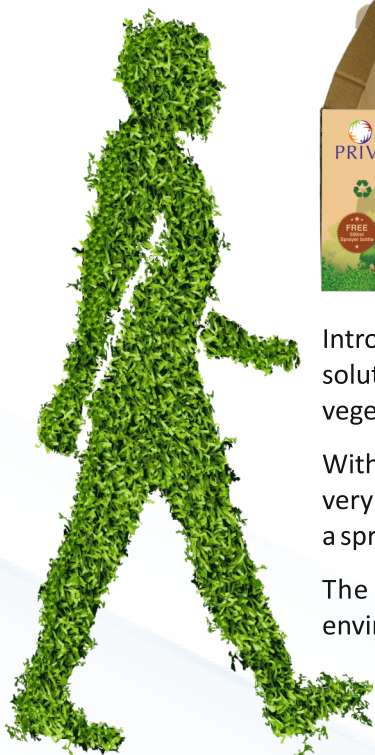


Gr Formulation

Pack Size: 4 kg

Complies to regulations under CIB

ReEarth™ Home Garden Kit



Introducing the **ReEarth Home Garden Kit** - the perfect solution for anyone looking to grow their own plants and vegetables from the comfort of their own home!

With this kit, you'll receive everything you need to start your very own garden, including 5 innovative plant solutions and a sprayer bottle.

The solutions are made from organic materials and environment friendly.

Products available in the kit





PRIVI



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